

What is claimed is:

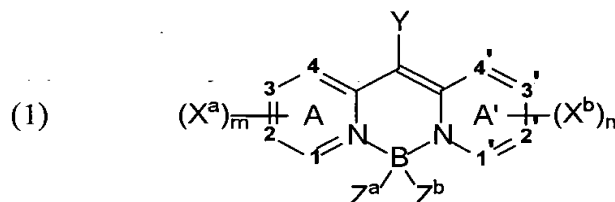
1. An OLED device comprising a light-emitting layer containing a host and a dopant where the dopant comprises a boron compound containing a bis(azinyl)methene boron complex group.
2. The device of claim 1 wherein the layer comprises a host and dopant where the dopant is present in an amount of up to 10 wt % of the host.
3. The device of claim 2 wherein the dopant is present in an amount of 0.1-5.0 wt % of the host.
4. The device of claim 1 wherein the boron complex group is a 6,6,6-tricyclic bis(azinyl)methene boron complex group.
5. The device of claim 4 wherein the boron complex group is a bis(pyridinyl)methene boron complex group.
6. The device of claim 5 wherein at least one of the pyridyl groups is substituted.
7. The device of claim 6 wherein at least one of the pyridyl groups has substituent groups joined to form a fused ring.
8. The device of claim 1 wherein the host comprises a chelated oxinoid compound or an anthracene compound.
9. The device of claim 8 wherein the host comprises a chelated oxinoid compound.
10. The device of claim 8 wherein the host comprises an anthracene compound.

11. The device of claim 1 wherein the host comprises tris(8-quinolinolato)aluminum (III) or 2-*tert*-butyl-9,10-di-(2-naphthyl)anthracene.

12. The device of claim 1 wherein the substituents are selected to provide an emitted light having a green hue.

13. The device of claim 1 wherein the substituents are selected to provide a reduced loss of initial luminance compared to the device containing no boron compound of claim 1.

14. The device of claim 1 wherein the dopant compound is represented by Formula (1):



wherein

A and A' represent independent azine ring systems corresponding to 6-membered aromatic ring systems containing at least one nitrogen;

each X^a and X^b is an independently selected substituent, two of which may join to form a fused ring to A or A';

m and n are independently 0 to 4 ;

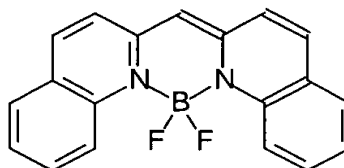
Y is H or a substituent;

Z^a and Z^b are independently selected substituents;

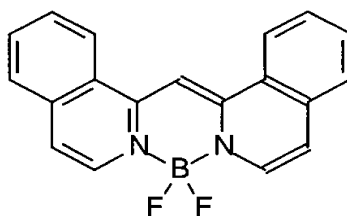
1, 2, 3, 4, 1', 2', 3', and 4' are independently selected as either carbon or nitrogen atoms.

15. The device of claim 14 wherein 1, 2, 3, 4, 1', 2', 3', and 4' are all carbon atoms.
16. The device of claim 14 wherein at least one of ring A or A' contains substituents joined to form a fused ring.
17. The device of claim 14 wherein both ring A and A' contain substituents joined to form a fused ring.
18. The device of claim 14 wherein there is present at least one X^a or X^b group selected from the group consisting of halide and alkyl, aryl, alkoxy, and aryloxy groups.
19. The device of claim 14 wherein Z^a and Z^b are independently selected from the group consisting of fluorine and alkyl, aryl, alkoxy and aryloxy groups.
20. The device of claim 19 wherein Z^a and Z^b are F.
21. The device of claim 14 wherein the layer comprises a host and dopant where the dopant is present in an amount of up to 10 wt % of the host.
22. The device of claim 21 wherein the dopant is present in an amount of 0.1-5.0 wt % of the host.
23. The device of claim 1 wherein the boron compound is selected from the following.

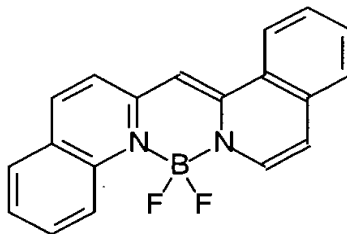
Inv-1



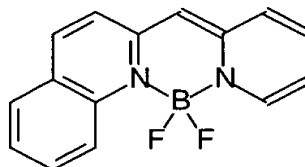
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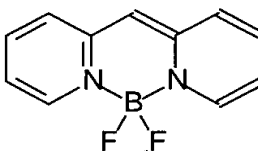
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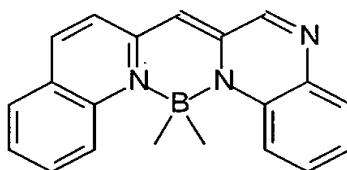
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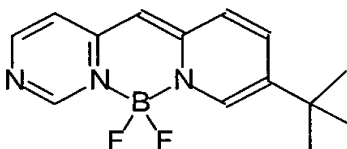
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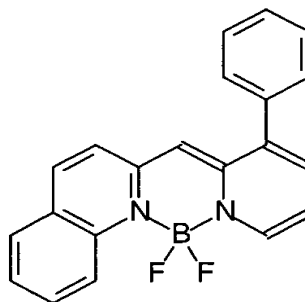
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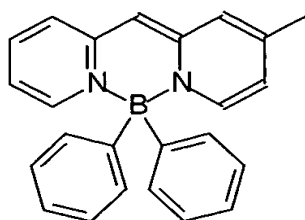
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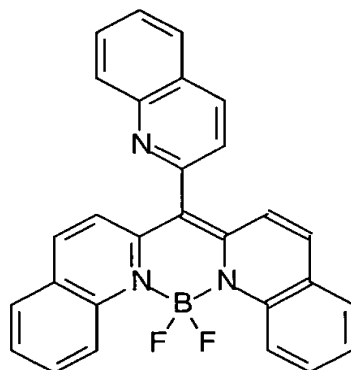
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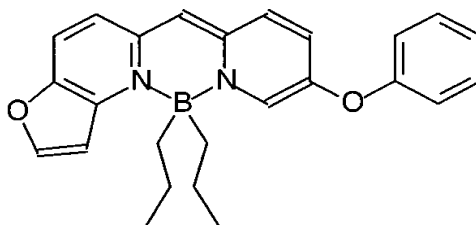
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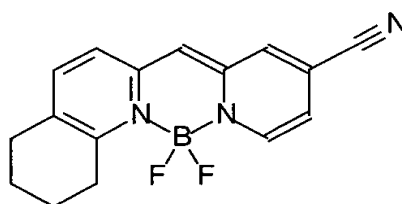
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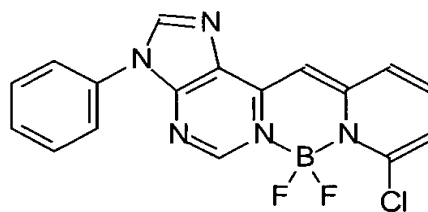
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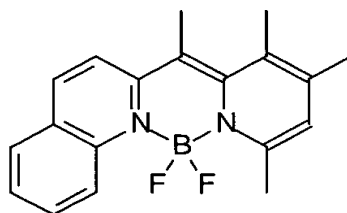
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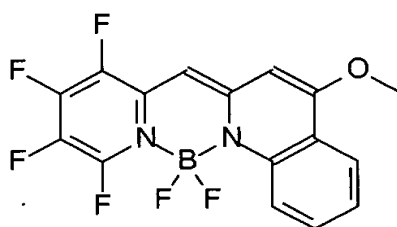
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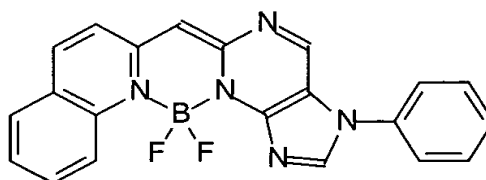
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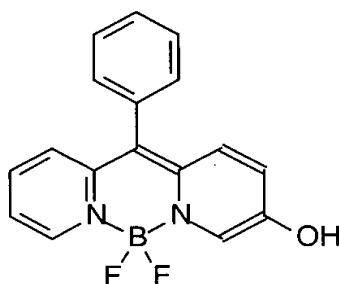
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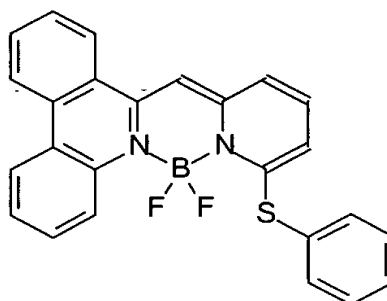
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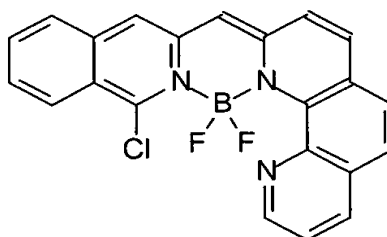
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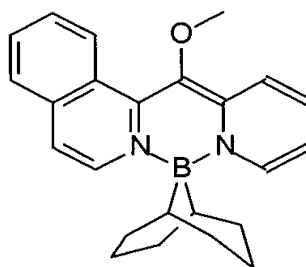
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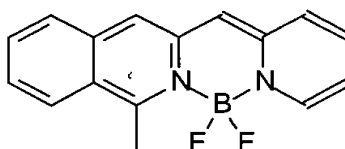
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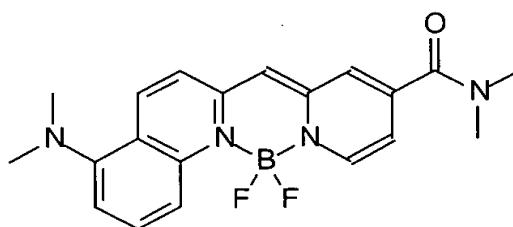
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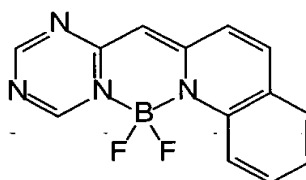
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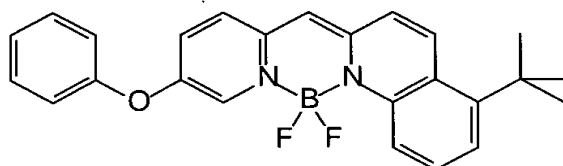
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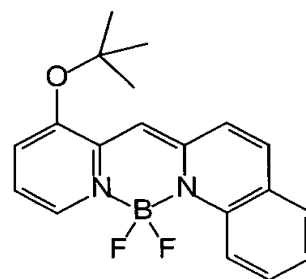
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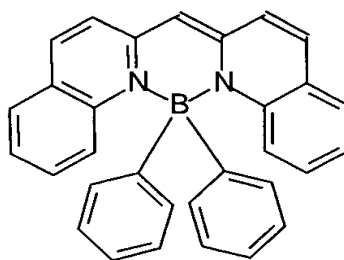
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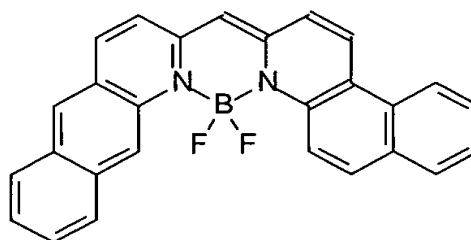
Inv-25



Inv-26

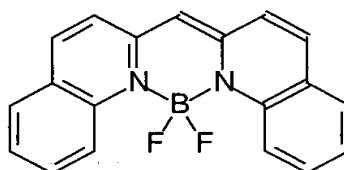


Inv-27

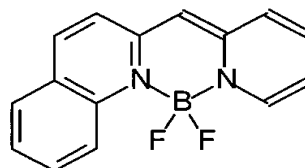


24. The device of claim 1 wherein the boron compound is selected from the following.

Inv-1



Inv-4



Inv-5



25. A light emitting device containing the OLED device of claim 1.

26. A method of emitting light comprising subjecting the device of claim 1 to an applied voltage.